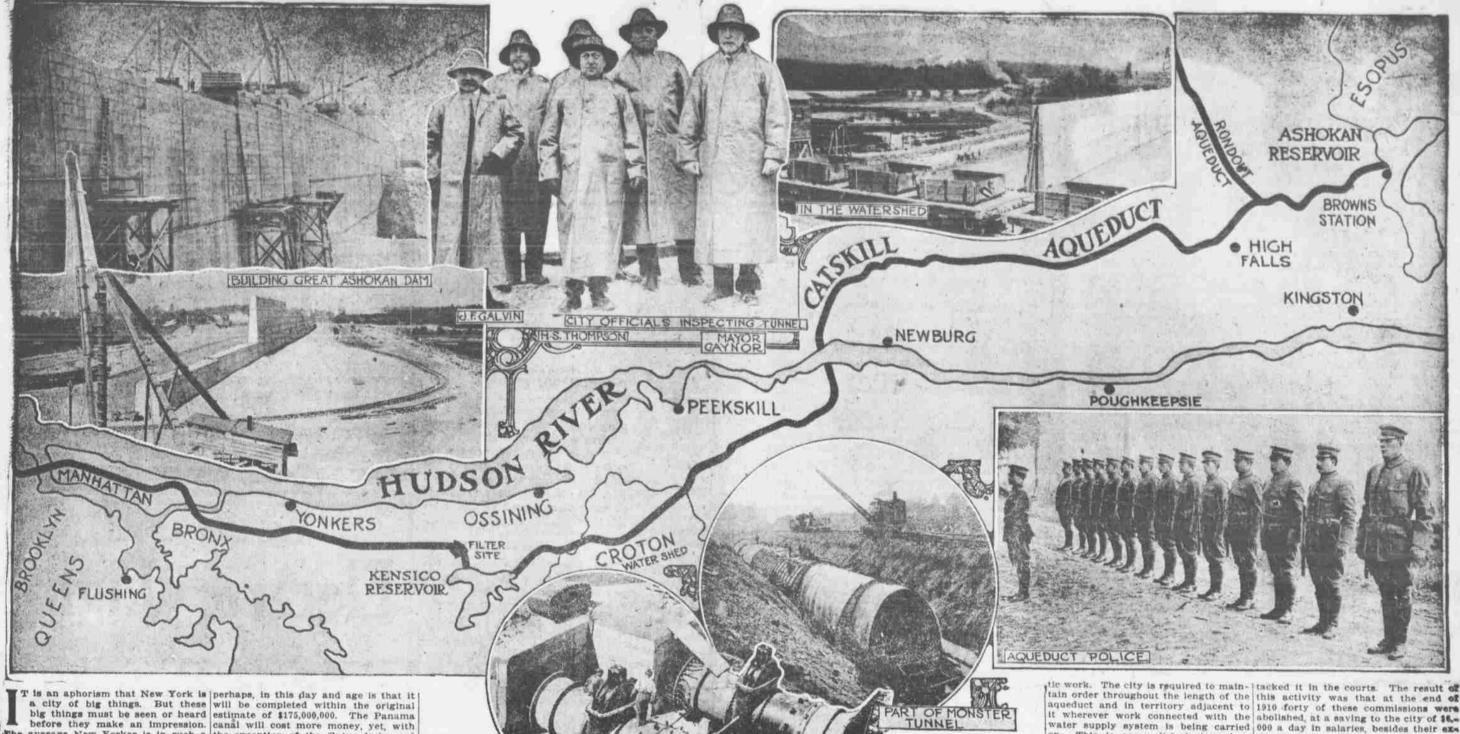
# New York's New Water Supply Will Be One of the World's Wonders



The average New Yorker is in such a the exception of the Gatun locks and hurry that he seldom pauses long dam, it presented no such difficult probenough to ask himself why he is hurry-ing. So it happens that while a part of the greatest engineering work the

hattan Island and for miles in Brooklyn the work, for there were a tunnel ranging in diameter from be overcome, mountains to be 250 to 700 under

world has ever known is going on right steam shovel is king. In New York the under their feet there are few in the mind of the trained engineer is the directing force, and many of the best minds in the country are engaged in eleven to fifteen feet is being bored rivers and reservoirs to be tunneled

feet below the surface. It is necessary that the tunnel be run at great depth to prevent any possible injury to the skysor and underground roads. The scrapers and underground roads. The was evidenced by the shortage last of Manhattan Island to a depth of ty-four shafts, about a mile apart, contyping to the skysor and the surface. It is necessary to the Hudson river at city by an aqueduct of horseshoe shape, with two feet of concrete as an additional guarantee against leakage. May summer, will be drawn from streams in the foothills of the Catskill mountains, a hundred miles away. The watershed twenty-eight feet. It will have a water supply. Of the Hudson river at city by an aqueduct of horseshoe shape, with two feet of concrete as an additional guarantee against leakage. May summer, will be drawn from streams in the foothills of the Catskill mountains, a hundred miles away. The watershed the summer and the shortage last of the Hudson river at city by an aqueduct of horseshoe shape, with two feet of concrete as an additional guarantee against leakage. May of Manhattan Island to a depth of line from the northern boundary of the claimed to be experts that this siphon claimed to be experts that this siphon the foothills of the Catskill mountains, a hundred miles away. The watershed in the city by an aqueduct of horseshoe shape, with two feet of concrete as an additional guarantee against leakage. May of Manhattan Island to a depth of line from the northern boundary of the claimed to be experts that this siphon claimed to be expense. He is a successful deach of whom was allowed \$50 a day of the water each of whom was allowed to the shorts of the work and the city by an aqueduct of horseshoe shape, with two feet of concrete as an additional guarantee against leakage. May of Manhattan Island to a depth of the work and the city by an aqueduct of horseshoe shape, with two feet of concrete as an additional guarantee against leakage. May of Manhattan Island to a depth of the work and the city by an aqueduct of horseshoe sh which tumble down through the gorges To make way for it 2,000 inhabitants of The greatest siphon of all in the sys-This tunnel is the longest that has ever been built, but it is only the finishing touch to New York's new water

ishing touch to New York's new water

is the longest that has a unitary time every day. But this was changed by a series of dams. The larishing touch to New York's new water

is the longest that has seven villages were obliged to find new tem is the one under the Hudson river. It is a unitary time every day. But this was changed by the new administration. The per
is the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The laris the confined by a series of dams. The lar-

supply system, which is the greatest completion is the Olivebridge dam, work ever undertaken by a municipality. Regardless of its mere size there ity. Regardless of its mere size there completed with the control of the including the section within the city. The duct will be more than 120 miles long, diem payments were discontinued by engineering. He was one of the organ-including the section within the city, direction of the mayor, and the courts which will gather the waters of Esopus including the section within the city, direction of the mayor, and the courts width of twenty-three feet and a maximum or connected to these and the one now nearing there were 2,400 bodies, had to be remountains, near West Point. The duct will be more than 120 miles long, diem payments were discontinued by engineering. He was one of the organ-including the section within the city, direction of the mayor, and the courts which will gather the waters of Esopus including the section within the city, direction of the mayor, and the courts width of twenty-three feet and a maximum or connected to allow the commissioners a reasonable fee. If the commissioners are assonable fe with this enterprise. The most original, The Ashokan reservoir, which is four- This reservoir is connected with the rock almost as hard as flint, it is lined eigners, were employed on this gigan-excessive the corporation counsel at- enter Mayor Gaynor's cabinet.

military force of nearly 400 men, who mayor Saved the City Much Money. are known as the aqueduct police.

Since Mayor Gaynor took office this tremendous undertaking has made rapfree from scandal of any kind, though ed with the new water system, whereas prior to that time it had become to a considerable extent the prey of poll-ticians. In connection with the condemnation proceedings, incident to the disposal of a greatly reduced continuous control of the condemnation proceedings, incident to the disposal of a greatly reduced control of the condemnation proceedings, incident to the disposal of a greatly reduced control of the condemnation proceedings, incident to the disposal of a greatly reduced control of the condemnation proceedings. demnation proceedings incident to the disposed of at greatly reduced cost, purchase of the vast amount of proper-ty involved Mr. Gaynor found there ber of the board of water supply, which feet below the surface. It is necessary New York's new water supply. of teen miles west of the Hudson river at city by an aqueduct of horseshoe shape, with two feet of concrete as an addi-The Aqua Claudia, the most famous in no hurry to get through with the water supply, gas and electricity, which

water supply system is being carried 000 a day in salaries, besides their exacon. This is accomplished through a penses, which were not small.

During the years 1907, 1908 and 1909 the law department of the city dis-

in diameter. Though it is built through Twenty thousand men, largely for- made an award which was considered with a fortune of a million or more to

## PEARY POINTS OUT AMERICAN OPPORTUNITY IN THE ANTARCTIC

plorer, there remains an opportunity all the earth.' for the United States of such peculiar "It is only now, with the attain- in the North Polar regions, that the observing the magnetic, meteorolog-command has become effective. ical and astronomical conditions "Today man's conquest of the sur- miles, and his return speed over 22 kamaainas of that lonesome town. In the opinion of Rear Admiral Rob- in a few detached localities of com- 50 kilometers-a little over 31 miles matter of national pride and morale, found which have not been seen by "To sum up, the significance of the house which is being built for Mr. passable for autos. with other nations in their attack of yielded to that irresistible combina- 'First, the final conquest by man served and dancing kept up till mid- adopted all systems for conveying back home down the Hakalau gulch he the Antarctic by doing this work, tion, the perfect human animal ma- of the planet on which he lives. The opinion of the discoverer of the chine, spurred and guided by the "Second, the opening up of the last troduction of a Russian dance, by time, is using the cable on the upper sprained a flinger so that he is not North Pole on the value of the defin- flame of divine intelligence. listened to with that attention which ties of the earth's axis. is given the highest authority on any "The contrast between fundamen- rience, no earthly obstacle is proof, man, Mr. and Mrs. Stroup and Mr. dean were visiting Mrs. Henry Ly. much to tell about the late war in cards, bowls and billiards were played subject. In Popular Mechanics Maga- tal physical conditions at the North "Fourth, that now it is the duty of zine for May, Admiral Peary, for the Pole and the South Pole is most strik- the United States, as a matter of nafirst time discusses the work that ing. The North Pole is located in a tional pride and morale, to name Amundsen and Scott have done and deep Polar sea basin. The South up for its failure hitherto to join the derstanable way the value of polar snow plateau of unusual altitude. discoveries to the world at large.

days separated the light from the maining the same from year to year

Though Norway may claim the darkness; the waters from the dry cular in form with a diameter of ionor of the discovery of the South land; covered the earth with vegeta- about 2500 geographical miles, and Pole and Enguand the distinction of tion; and filled the sea, the air and an area in round numbers of some having furnished the pathunder and the earth with life; created man, and five million square miles. pacemaker for the Norwegian ex- said: 'Let them have dominion over

value that it almost becomes a duty. ment of both uttermost points of the Eskimo dog is the one and only mo-This lies in the establishment at the earth, the North and South Poles, tive power for Polar expeditions. overseer, was at Kawaihne-uka, last Pole of a station for the purpose of that that scriptural permission and Amundsen's speeds are interesting. Tuesday, He was on a four of inspec-

through the period of a year or more. face of the earth is complete, and only miles a day. He speaks of covering ert E. Peary the United States, as a paratively small area are places to be -in one march. should make up for its fallure to join the eye of man, and which have not attainment of the poles is:

ite location of the earth's extremities "Such is the first significance of the vation and investigation. is of the greatest value and must be attainment of the Poles, the extremi-

sets forth in the most direct and un- Pole is located on a great elevated other nations in attacking the Ant-

"From this striking contrast in "There is no way in which this de- up-to-date and very pleasing. He declares it is only now that man physical conditions, arises and resirable result can be secured by a. Miss Shirley Foster, of Kahuku, On- few days. As there are so many places weeks' vacation with his parents at tablish a library, children's playground is beginning to fulfill his destiny. sults the great advantage which South single stroke, and with greater credit hu, and her friend Miss Christopher of historic interest around here, she Niulii. He will return to Honolulu on & hospital, and other social centers. "In the first chapter of Genesis," he Pole explorations has over North and certainty of immediate and impor- son spent a couple of days with Mrs. was much pleased with the neighbor- Friday. Henry is a clerk in the Honostates, "we read that on the sixth day Polar, namely, that it can be carried tant results other than by occupying Ashman. the Creator, after having on previous on over a permanent fixed surface re- the South Pole during a year as a sta-

instead of over the treacherous surface of an ice-covered ocean.

"The Antarctic continent, so-called, is located in the center of the South Polar regions, with its irregular and only partially known circumference lying approximately along the Antarc-

"Amundsen's journey demonstrated conclusively, as have recent journeys His outward average march was 15% tion and his virit was a surprise to the Store, left for Honolulu April 12, M. S. of the month. He has decided to spend

against sound physique and exper- of Pilhonua, Mirs Stroup, Mrs. Ash- Bend, Washington, and Miss Herran- and is residing in Makapala. He has After the program was concluded.

arctic problem.

(Continued on Page 10)

tic circle. It is, therefore, nearly cir- Midget.)-Wille Hook, who resides at Kapoho,

up along the homestead road. Some cd by a log falling on him and, while the district.

## PAHOA.

during his absence. A pleasant impromptu dance was held last Saturday night, in the new auilo is in a very bad condition; im-Short, on the hill, Refreshments were night. A pleasing feature was the inlarge unknown area for both obser- some of the employes of the mill. lands.

Mr. and Mrs. Short, Miss Cassels of "Third, the demonstration that South Bend, Miss Margaret Campbell Mrs. Ashman, Miss Cassels of South Edmunds of Pahoa, and Measrs. Hill man. and Coyson of Olaa, were present, be- Among those visiting Mr. and Mrs. tles, wives and families.

Mr. Tucker's Hawaiian orchestra Beers and children, of Hilo. supplied the music, which was quite

Miss Cassels, Miss Harrandean and Mrs. Ashman enjoyed a pleasant week-

KOHALA, April 24. (The Kohala end visit with Mrs. Henry Lyman, at

Kehena, was seen in the district on On Sunday morning, James Crane Wednesday, buying new implements of the mauka division of the Mahogany Mill, was brought down, suffering from Several new houses have been put a broken leg. The accident was caus-

of these are still under construction, very painful, it is thought to be but A few more will add to the beauty of a matter of a few weeks till he is about again. He has been taken to Archie Kaaua, the Walmea road the Hilo Hospital for attention. PAAUILO.

The road between Honokaa and Pa-

## KAPOHO.

Cressman, Mrs. Peterman and Mrs. mule on Saturday, He says: "When I that the Clubhouse will prove to be of

Mrs. Mesick, teacher at Papaikou, learn manners." hood.

HONOKAA.

On the third of April the girls and off ten pounds, running one of the Ho-

boys of the Fourth Grade, Honokaa noipu donkey engines during his Eratschool, were delighted to receive a er vocation budget of letters from the pupils of the Clubbou: e opening at Hawl, on the Fourth Grade, Emerson School, Saturday evening, was a pronounced as well, in writing as neat and in sub- attend. ject matter as interesting to those children as their letters were to the mock trill of Mr. Conant on very children of Honokaa.

## AHUALOA.

Many Panhau plantation laborers the Coast. They expect to make a sterk of the Court. The witnesses, infortune there.

The Ahualoa school has just received a supply of first-class school the star witness, who proved to be desks

John Rodrigues, of Ahualoa, is going E. H. Patten, manager of Pasullo to leave this dear old place at the end pounds of rouge and named really Botelho, of Honokaa, is substituting his future life at Waimea, where he

### bought a home recently. HAKALAU.

visit to Maulua Tunnel. When coming with his guitar. the to attend business.

## Philip Woo returned from China, address a gathering.

China, though he saw none of the bat- and refreshments were served before sides the workmen engaged in putting Richard Lyman were Capt. Fetter, his Okubo, the fish peddler of Makapala, night." Altogether it was a very enup the building together with their wife and daughter; Mr. Greene, Mr. got a nasty kick on the head from his loyable evening and the Midget feels

gets well, send that mule to school to great benefit to Hrwi Plantation, and

Julu postoffice.

Mr. Nahiwa had the joy of sweating

Seattle. Honokaa'a girls, and boys success, about eighty people taking a have answered their letters in form chance on the cranky old "Ju-Plu," to

The feature of the program was a severe charges. Mr. Austin acted as judge, while Messrs. Biscoff and Reid held down the chairs of the atterneys. passed through here on their way to Arthur Akina made an admirable cluded "lesers A.ston, Russell, Lando and Henry Bird. "Cutey I oveloy." Renton Hind dressed up to lock real rate (mided of crasse by several made the defendant blush, by her public demonstration of her infatuation for the popular Heen elemina.

Songs were rendered by Messrs, Lussell and Conant, a whistling solo Manuel Santos, of Wailea, paid a Ly R. R. Hind and Akina tande a hit

The Rev. Mr. Merrill nade one of oug day in Kohala, and dencentrated by his usual good hamor that the paliticiana aren't the only ones who can

the guests bade their host "Good is a first step in the direction in which

Overfreard at the Clubhouse-"How many down Nakzoka?

"Seekisu" (six) (Continued on Page Ten)